# FCR Radiographic Exposure Recommendations
## MAS



| ANATOMICAL REGION | MEASUREMENT (CM) (MEDIUM) | EXAM | | KVP | SID | GRID | SMALL | MEDIUM | LARGE |
|---|---|---|---|---|---|---|---|---|---|
| **Skull** | **18 to 21** | **Skull** PA/AP | | **80** | 40 | Yes | 12 | **20** | 30 |
| | **14 to 17** | Skull Lateral | | **80** | 40 | Yes | 6 | **12** | 18 |
| S#100- | **18 to 21** | Skull Townes, Waters | | **85** | 40 | Yes | 12 | **24** | 40 |
| | **14 to 17** | **Facial Bones** Lat. | (Bucky) | **80** | 40 | Yes | 6 | **10** | 12 |
| | **14 to 17** | Facial Bones Lat. | (Non-Bucky) | **60** | 40 | **No** | 2 | **4** | 6 |
| | **18 to 21** | **Nasal Bones** | (Non-Bucky) | **60** | 40 | **No** | 2 | **3** | 4 |
| **Spine** | **11 to 14** | **Cervical** AP/OBL | | **80** | 40 | Yes | 6 | **12** | 18 |
| | **11 to 14** | Cervical Lateral | | **80** | 72 | Yes | 18 | **28** | 45 |
| S#100- | **11 to 14** | Cervical Odontoid | | **80** | 40 | Yes | 8 | **14** | 20 |
| | **21 to 25** | C-7/T-1 Swimmers | | **85** | 40 | Yes | 24 | **40** | 64 |
| | **20 to 24** | **Thoracic** AP/OBL | | **80** | 40 | Yes | 18 | **28** | 40 |
| | **28 to 32** | Thoracic Lateral | | **85** | 40 | Yes | 25 | **35** | 50 |
| | **18 to 22** | **Lumbar** Spine AP/OBL | | **80** | 40 | Yes | 24 | **40** | 64 |
| | **27 to 32** | Lumbar Spine Lateral | | **85** | 40 | Yes | 30 | **64** | 100 |
| | **27 to 32** | Lumbar L-5/S-1 Spot | | **90** | 40 | Yes | 30 | **64** | 100 |
| **Chest** S#200-600 | **20 to 25** | **Chest** PA | | **110** | 72 | Yes | 4 | **6** | 10 |
| | **27 to 32** | Chest Lateral | | **110** | 72 | Yes | 8 | **12** | 20 |
| | **20 to 25** | Chest **Portable** | **(GRID)** | **100** | 72 | **Yes** | 5 | **6** | 8 |
| | **20 to 25** | Chest **Portable** | (Non-GRID) | **<85** | 72 | **No** | 3.2 | **5** | 6 |
| S#100- | | | **(GRID)** | **95** | 60 | **Yes** | 3.2 | **5** | 6 |
| | | | **(GRID)** | **90** | 40 | **Yes** | 2 | **3.2** | 5 |
| **Thorax** | **20 to 25** | **Sternum** RAO | | **80** | 40 | Yes | 20 | **30** | 40 |
| | **27 to 32** | Sternum Lateral | | **85** | 40 | Yes | 30 | **40** | 50 |
| S#100- | **20 to 25** | **Ribs** AP/PA/OBL Upper | | **70** | 40 | Yes | 15 | **25** | 40 |
| | **20 to 25** | Ribs AP/PA/OBL Lower | | **80** | 40 | Yes | 20 | **36** | 50 |
| **Shoulder** | **12 to 16** | **Shoulder** AP | | **80** | 40 | Yes | 6 | **12** | 15 |
| | **4 to 6** | Shoulder Axillary | (Non-Bucky) | **70** | 40 | **No** | 3 | **5** | 8 |
| | **12 to 16** | **Scapula** AP | | **80** | 40 | Yes | 10 | **20** | 36 |
| S#75-200 | **13 to 17** | Scapula Lateral | | **80** | 40 | Yes | 12 | **24** | 40 |
| **Abdomen** | **18 to 22** | **Abdomen** - KUB | | **80** | 40 | Yes | 24 | **40** | 64 |
| | **18 to 22** | Abdomen - Upright/Decubitus | | **85** | 40 | Yes | 28 | **48** | 64 |
| | **18 to 22** | **Barium Studies** (GI, BE) | | **100** | 40 | Yes | AEC | **AEC** | AEC |
| S#100- | **18 to 22** | **Contrast Studies** (IVP, GB) | | **80** | 40 | Yes | AEC | **AEC** | AEC |
| **Pelvis** | **19 to 23** | **Pelvis** AP | | **80** | 40 | Yes | 24 | **40** | 64 |
| S#100- | **17 to 21** | **Hip** | | **80** | 40 | Yes | 20 | **35** | 50 |
| | **17 to 21** | Hip X-Table Lateral | | **85** | 40 | Yes | 25 | **40** | 60 |
| **Upper-Extremity** | **1.5 to 4** | **Fingers** | | **60** | 40 | No | | **1** | |
| | **3 to 5** | **Hand** AP/OBL | | **60** | 40 | No | 1 | **2** | 3.2 |
| S#75-200 | **3 to 5** | Hand Lateral | | **60** | 40 | No | 2 | **3** | 4.5 |
| | **3 to 6** | **Wrist** AP/OBL | | **60** | 40 | No | 1 | **2** | 3.2 |
| | **3 to 6** | Wrist Lateral | | **60** | 40 | No | 2 | **3** | 4.5 |
| | **6 to 8** | **Forearm** AP | | **60** | 40 | No | 2 | **3** | 5 |
| | **6 to 8** | Forearm Lateral | | **60** | 40 | No | 2 | **3** | 5 |
| | **6 to 8** | **Elbow** | | **60** | 40 | No | 2 | **3** | 5 |
| | **7 to 10** | **Humerus** | (Bucky) | **75** | 40 | **Yes** | 6 | **10** | 15 |
| | | | (Non-Bucky) | **65** | 40 | **No** | 4 | **6** | 12 |
| **Lower-Extremity** | **1.5 to 4** | **Toes** | | **60** | 40 | No | .5 | **1** | 1.5 |
| | **6 to 8** | **Foot** AP/OBL | | **60** | 40 | No | | **3** | |
| | **6 to 8** | Foot Lateral | | **60** | 40 | No | | **3** | |
| S#75-200 | **8 to 10** | **Os calsis** | | **60** | 40 | No | | **6** | |
| | **8 to 10** | **Ankle** AP - Mortise | | **60** | 40 | No | | **3** | |
| | **8 to 10** | Ankle Lateral | | **60** | 40 | No | | **3** | |
| | **10 to 12** | **Tib-Fib** AP | | **60** | 40 | No | | **3** | |
| | **10 to 12** | Tib-Fib Lateral | | **60** | 40 | No | | **3** | |
| | **10 to 13** | **Knee** AP - Lateral | (Bucky) | **80** | 40 | **Yes** | 6 | **12** | 20 |
| | **10 to 13** | Knee AP - Lateral | (Non-Bucky) | **60** | 40 | No | | **4** | |
| | **10 to 13** | Knee Tunnel | | **70** | 40 | No | | **6** | |
| | **10 to 13** | Knee Sunrise | | **70** | 40 | No | | **1** | |
| | **14 to 17** | **Femur** AP/Lateral | | **80** | 40 | **Yes** | 15 | **25** | 40 |

***Portable Chests, Barium Studies (GI & BE, etc.) & Contrast Studies (IVP & GB, etc.) may require varied Exposure Technique Recommendations depending upon Radiologist Preference.***